Declaration of Performance

No. 094 151019

RATHMELL 4 COLUMN 460MM

Unique Product Code:	**TBK072/073**
Type, batch or serial number:	**TBK072/073-460**
Intended use of the construction product:	Heat emitters for central heating systems to be supplied with hot water or steam below 120°C from a remote heat source.
Manufacturer:	Jig UK Ltd, Hurlingham Business Park, Fulbeck Heath, Grantham NG32 3HL
System of AVCP:	System 3
Harmonized standard:	EN 442-1:2014
Notified body:	BSRIA, Bracknell, Berkshire, RG12 7AH (0480)
Test report number:	**101029A1PS**

Declared Performance

Essential Characteristics	Performance	Harmonized Technical Specification
Reaction to fire	A1	EN 442-1:2014
Release of dangerous substances	None	
Pressure tightness	No leakage at 1.3 x maximum operating pressure [kPa]	
Surface temperature	Maximum 120°C	
Resistance to pressure	No breakage at 1.69 x maximum operating pressure [kPa]. Maximum operating pressure: 550 [kPa]	
Rated thermal outputs	See appendix 1	
Thermal output in different operating conditions (characteristic curve)	$\Phi = Km \cdot \Delta T^n$ See appendix for factor Km and exponent n	
Resistance against corrosion	No corrosion after 100h humidity	
Resistance against minor impact	Class 0	

Signed for and on behalf of the manufacturer by:

Brian Athey
Managing Director
Dated: 11/11/2026

APPENDIX 1 - Dimensions and Thermal Outputs

SKU	Sections	Length (inc. bushes)	BTU's (ΔT 30°)	Watts (ΔT 30°)	BTU's (ΔT 50°)	Watts (ΔT 50°)	Factor, Km	Exponent, n
TBK072/073-460-03	3	223mm	317	93	604	177	0	0
TBK072/073-460-04	4	286mm	423	124	805	236	0	0
TBK072/073-460-05	5	349mm	529	155	1007	295	0	0
TBK072/073-460-06	6	412mm	635	186	1208	354	0	0
TBK072/073-460-07	7	475mm	740	217	1409	413	0	0
TBK072/073-460-08	8	538mm	846	248	1611	472	0	0
TBK072/073-460-09	9	601mm	952	279	1812	531	0	0
TBK072/073-460-10	10	664mm	1058	310	2013	590	0	0
TBK072/073-460-11	11	727mm	1164	341	2214	649	0	0
TBK072/073-460-12	12	790mm	1269	372	2416	708	0	0
TBK072/073-460-13	13	853mm	1375	403	2617	767	0	0
TBK072/073-460-14	14	916mm	1481	434	2818	826	0	0
TBK072/073-460-15	15	979mm	1587	465	3020	885	0	0
TBK072/073-460-16	16	1042mm	1692	496	3221	944	0	0
TBK072/073-460-17	17	1105mm	1798	527	3422	1003	0	0
TBK072/073-460-18	18	1168mm	1904	558	3624	1062	0	0
TBK072/073-460-19	19	1231mm	2010	589	3825	1121	0	0
TBK072/073-460-20	20	1294mm	2116	620	4026	1180	0	0
TBK072/073-460-21	21	1357mm	2221	651	4228	1239	0	0
TBK072/073-460-22	22	1420mm	2327	682	4429	1298	0	0
TBK072/073-460-23	23	1483mm	2433	713	4630	1357	0	0
TBK072/073-460-24	24	1546mm	2539	744	4832	1416	0	0
TBK072/073-460-25	25	1609mm	2644	775	5033	1475	0	0
TBK072/073-460-26	26	1672mm	2750	806	5234	1534	0	0
TBK072/073-460-27	27	1735mm	2856	837	5436	1593	0	0
TBK072/073-460-28	28	1798mm	2962	868	5637	1652	0	0
TBK072/073-460-29	29	1861mm	3068	899	5838	1711	0	0
TBK072/073-460-30	30	1924mm	3173	930	6039	1770	0	0